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- (71) Applicant (for all designated States except AT, US): **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
- (71) Applicant (for AT only): **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BODIAN, Dale, Lesley** [US/US]; 2105 Harvest Court, Whippany, NJ 07981 (US). **DAOUTI, Sherif** [US/US]; 137 Bershire Road, Hasbrouck Hights, NJ 07604 (US). **KUMAR, Chandrika, Saldapet** [US/US]; 31 Wilson Way North, West Windsor, NJ 08550 (US). **LATARIO, Brian, Jude** [US/US]; 495 Martins Pond Road, Groton, MA 01450 (US). **QUINTAVALLA, Joseph** [US/US]; 53 Woodbine Circle, New Providence, NJ 07974 (US).
- (74) Agent: **GRUBB, Phillip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).
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(54) Title: HIGH THROUGHPUT FUNCTIONAL GENOMIC SCREENING METHODS FOR OSTEOARTHRITIS

(57) Abstract: High-throughput functional screening assays are provided that identify genes and gene products that are associated with the pathogenesis of osteoarthritis (OA) in chondrocytes. In addition, genes and gene products identified by such functional assays are also provided. The genes and gene products provided herein are useful *inter alia* for diagnosing OA in individuals and as drug targets for identifying drugs to treat OA.

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